



Creating a MS Math Lab Program: Utilizing Various Approaches & Best Practices

Course Syllabus

Course Description

This course is designed to help the participants create a new Math Lab intervention program from scratch. A full year plan will be created to include best practices, a variety of teaching methods as well as differing activities to maintain engagement. The course will also touch on varying philosophy approaches to tackling these students' needs. This course is suited for any math teacher, academic coaches, all administrators and other teachers that have a knack for being change-makers.

This course enhances classroom teaching effectiveness and supports improved student outcomes by introducing new knowledge in designing and implementing effective Middle School Math Lab intervention programs.

Course Objectives

At the end of this course you should be able to:

1. Identify a current overview of philosophies as well as establish an understanding of your own district's approach.
2. Identify a framework and several major pieces to hit the ground running in developing a Middle School Math Lab course.
3. Begin to identify & create the nuanced lessons and how they fit into the game-plan.
4. Identify how we can start merging all the puzzle pieces together.
5. Pick & build the actual curriculum pieces.
6. Pick & build more of the actual curriculum pieces.
7. Identify a more precise and laser focused way to achieve the best results.
8. Identify the last pieces to the puzzle that include further brainstorming, student placement & future parent involvement.

Modules

- Module 1: Middle School Math Lab Philosophies, Quiz 1
- Module 2: Brainstorming all the pieces to the giant puzzle, Quiz 2
- Module 3: Let's Prep!, Quiz 3
- Module 4: Marrying all parts, Quiz 4
- Module 5: The continued build-out of the individual pieces, Quiz 5
- Module 6: More & more building, Quiz 6
- Module 7: Wait, let's rethink everything!, Quiz 7
- Module 8: Let's clean it all up., Quiz 8



Grading

Each quiz must be passed at an 80% or higher (three attempts allowed).

Format

This is a self-paced, asynchronous (no required live meetings) course. Throughout the PD course, you will find it helpful to take notes along the way to assist with the quizzes. Within each module, you will find reflection assessments that are not graded but will help in your journey through the course. There is an interactive forum in the course to help you connect with peers and instructors, share ideas, and collaborate on best practices throughout your learning journey.